

10 April 2007

Porter Morgan

Blackstone Consulting
1716 Kennoway Rd.

Parkville, MD 21234

RE: Phase II

Enclosed are the results of analyses for samples received by the laboratory on 03/29/07 10:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Enid Dunmire
Project Manager

Blackstone Consulting
1716 Kennoway Rd.
Parkville MD, 21234

Project: Phase II
Project Number: CMSIPA 024.07
Project Manager: Porter Morgan

Reported:
04/10/07 13:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-7	KQC0852-01	Water	03/28/07 09:00	03/29/07 10:50
MW-8	KQC0852-02	Water	03/28/07 08:15	03/29/07 10:50
MW-9	KQC0852-03	Water	03/28/07 09:40	03/29/07 10:50
MW-10	KQC0852-04	Water	03/28/07 10:30	03/29/07 10:50
DUP-1	KQC0852-05	Water	03/28/07 00:00	03/29/07 10:50

TestAmerica - King Of Prussia, PA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enid Dunmire, Project Manager

Blackstone Consulting
1716 Kennoway Rd.
Parkville MD, 21234

Project: Phase II
Project Number: CMSIPA 024.07
Project Manager: Porter Morgan

Reported:
04/10/07 13:45

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - King Of Prussia, PA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (KQC0852-01) Water Sampled: 03/28/07 09:00 Received: 03/29/07 10:50									
1,1,1-Trichloroethane	29	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	8.0	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	88	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	1.0	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2-Butanone	42	10	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	50	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	4.9	1.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Trichloroethene	11	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	41	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	ND	6.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96.4 %		70.8-124	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %		89.1-111	"	"	"	"	

TestAmerica - King Of Prussia, PA

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Enid Dunmire, Project Manager

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Project: Phase II
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Project Manager: Porter Morgan

Reported:
04/10/07 13:45

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - King Of Prussia, PA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (KQC0852-01) Water Sampled: 03/28/07 09:00 Received: 03/29/07 10:50									
Surrogate: Toluene-d8		96.0 %		83.5-115	7040803	04/08/07	04/09/07	EPA 8260B	
MW-8 (KQC0852-02) Water Sampled: 03/28/07 08:15 Received: 03/29/07 10:50									
1,1,1-Trichloroethane	ND	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	6.5	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2-Butanone	34	10	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	50	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Trichloroethene	1.5	1.0	"	"	"	"	"	"	C
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-8 (KQC0852-02) Water Sampled: 03/28/07 08:15 Received: 03/29/07 10:50

Xylenes (total)	ND	6.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	70.8-124		"	"	"	"	
Surrogate: Dibromofluoromethane		98.4 %	89.1-111		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	83.5-115		"	"	"	"	

MW-9 (KQC0852-03) Water Sampled: 03/28/07 09:40 Received: 03/29/07 10:50
O4

1,1,1-Trichloroethane	ND	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2-Butanone	340	10	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	50	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

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04/10/07 13:45

Volatile Organic Compounds by EPA Method 8260B

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (KQC0852-03) Water Sampled: 03/28/07 09:40 Received: 03/29/07 10:50									
Trichloroethene	ND	1.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	ND	6.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		70.8-124	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		87.2 %		89.1-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		83.2 %		83.5-115	"	"	"	"	

MW-10 (KQC0852-04) Water Sampled: 03/28/07 10:30 Received: 03/29/07 10:50

1,1,1-Trichloroethane	54	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	16	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	98	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2-Butanone	ND	10	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	50	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methylene chloride	38	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	4.5	1.0	"	"	"	"	"	"	

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Enid Dunmire, Project Manager

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Project: Phase II
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Project Manager: Porter Morgan

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04/10/07 13:45

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - King Of Prussia, PA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (KQC0852-04) Water Sampled: 03/28/07 10:30 Received: 03/29/07 10:50									
Toluene	ND	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Trichloroethene	21	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	8.8	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	ND	6.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %		70.8-124	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		99.6 %		89.1-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		83.5-115	"	"	"	"	

DUP-1 (KQC0852-05) Water Sampled: 03/28/07 00:00 Received: 03/29/07 10:50

1,1,1-Trichloroethane	29	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	6.7	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	82	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	1.0	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2-Butanone	35	10	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	50	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	

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Enid Dunmire, Project Manager

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Project Manager: Porter Morgan

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04/10/07 13:45

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - King Of Prussia, PA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DUP-1 (KQC0852-05) Water Sampled: 03/28/07 00:00 Received: 03/29/07 10:50									
Methylene chloride	ND	2.0	ug/l	1	7040803	04/08/07	04/09/07	EPA 8260B	
Styrene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	4.9	1.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Trichloroethene	9.2	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	37	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	ND	6.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %		70.8-124	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		97.4 %		89.1-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %		83.5-115	"	"	"	"	

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Enid Dunmire, Project Manager

Blackstone Consulting
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Parkville MD, 21234

Project: Phase II
Project Number: CMSIPA 024.07
Project Manager: Porter Morgan

Reported:
04/10/07 13:45

Notes and Definitions

O4 One or more surrogate recoveries were below the laboratory's established acceptance criteria.

C The concentration of this compound is above the reporting limit but below the calibration curve.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



1008 W. Ninth Avenue
King of Prussia, PA 19151
(610) 337-9992
FAX (610) 337-9939

1090 King Georges Post Rd
Suite 803
Edison, NJ 08837
(732) 661-0777
FAX (732) 661-0305

Client: BLACKSTONE CONSULTING		Bill To: SAME		TAT: STD 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY <24 HRS.	
Address: 339 BLUEJAY WAY		Address:		Received: <input type="checkbox"/> ice <input type="checkbox"/> ambient	
ORLANDO, FL 32828		State & Program: PA		Deliverable Package: <input type="checkbox"/> NO <input type="checkbox"/> YES	
Report to: PHORGAN		Phone #: (321) 251-7932		Temp. Upon Receipt: 0	
E-mail: BLACKSTONECONSULTING		Fax #: (321) 251-7934		It's yes, please explain:	
Project Name: PHASE II		Phone #: ()		ANALYSIS TYPE	
Project #/PO#: CMSIPA 024.07		Fax #: ()		SAMPLE CONTROL	
Sampler: PORTER MORGAN		State & Program: PA		CRACKED IMPROPERLY SEALED	
FIELD ID, LOCATION		SAMPLE MATRIX		LABORATORY ID NUMBER	
1 MW-7		TIME COLLECTED 3/28/07 0900		KQCOBSL -01	
2 MW-8		TIME COLLECTED 0815		-02	
3 MW-9		TIME COLLECTED 0940		-03	
4 MW-10		TIME COLLECTED 1030		-04	
5 DUP-1		TIME COLLECTED -		-05	
6		TIME COLLECTED			
7		TIME COLLECTED			
8		TIME COLLECTED			
9		TIME COLLECTED			
10		TIME COLLECTED			
RELINQUISHED 3-28-07		RECEIVED 3/28/07		RECEIVED 3/29/07	
RELINQUISHED 1200		RECEIVED 1200		RECEIVED 1050	
RELINQUISHED		RECEIVED		RECEIVED	
COMMENTS:		PAGE		OF	